

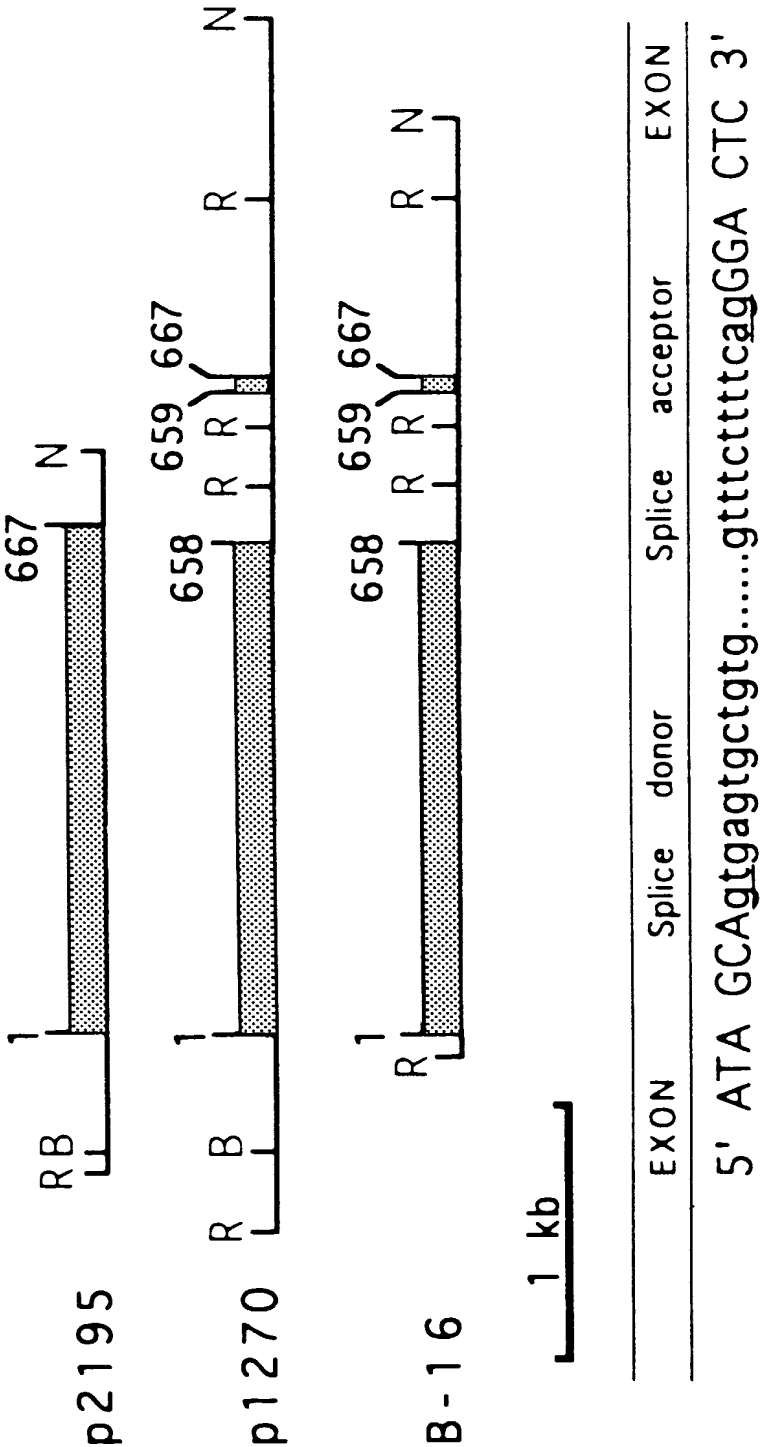
FIGURE 1A 1 MAPRCQKCG 40
41 KAFVSKYKLM 80
81 LQTHDPNKIS 120
121 TCGVCTLELG 160
161 CDRCFYTRKD 200
201 RHHTKKTHSQE 240
241 MPPFQLGAAP 280
281 EPLEPLEPLE 320
321 PLEPLEPLEP 360
361 MLPMPQMLPM 400
401 IILQEHKYNP 440
441 LQEPQAPLKF 480
481 ASLEISSLLG 520
521 TCLAQQQPPP 560
561 QIQPQMQLPQ 600
601 PEPEPEPEPE 640
641 EEEEEEAEEP 667

INYSHSRER PFKCSKAECG
IHQCTHCEKT FNRKDHLKNH
HTMLGYKRHL ALHASANGDL
SHAEEKANQA PREKKYQC⁺DH
CKDFLCQFC⁺A QRFGRKDH⁺LT
YQSNFQLIAP STSFQIKVDP
EVHGLVLAAP EEAPQPMPP⁺L
LQPLEPMQPL EPMQPLEPMQ
PMPEPSFTLH PGVVPTSPPP
MPVKADGKAF CNVGFFEEFP
FGKVTLSKEL LVD⁺AVNIAIP
NGFVNSTIPV GPGEPLPHRI
QPLPVPQPLP QPQMPPQFQL
PDPEPEPEPE PEPEPEPEPE
EEEEEEGAEE GAPEAQAE
VYKKWTV

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FIGURE 1B





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FIGURE 1C

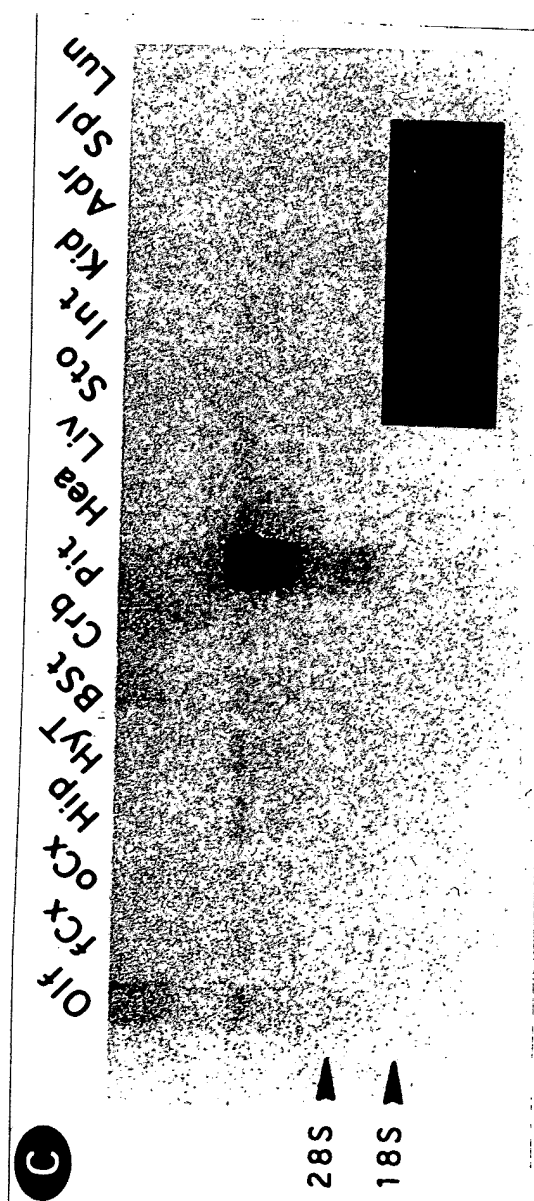


FIGURE 2A

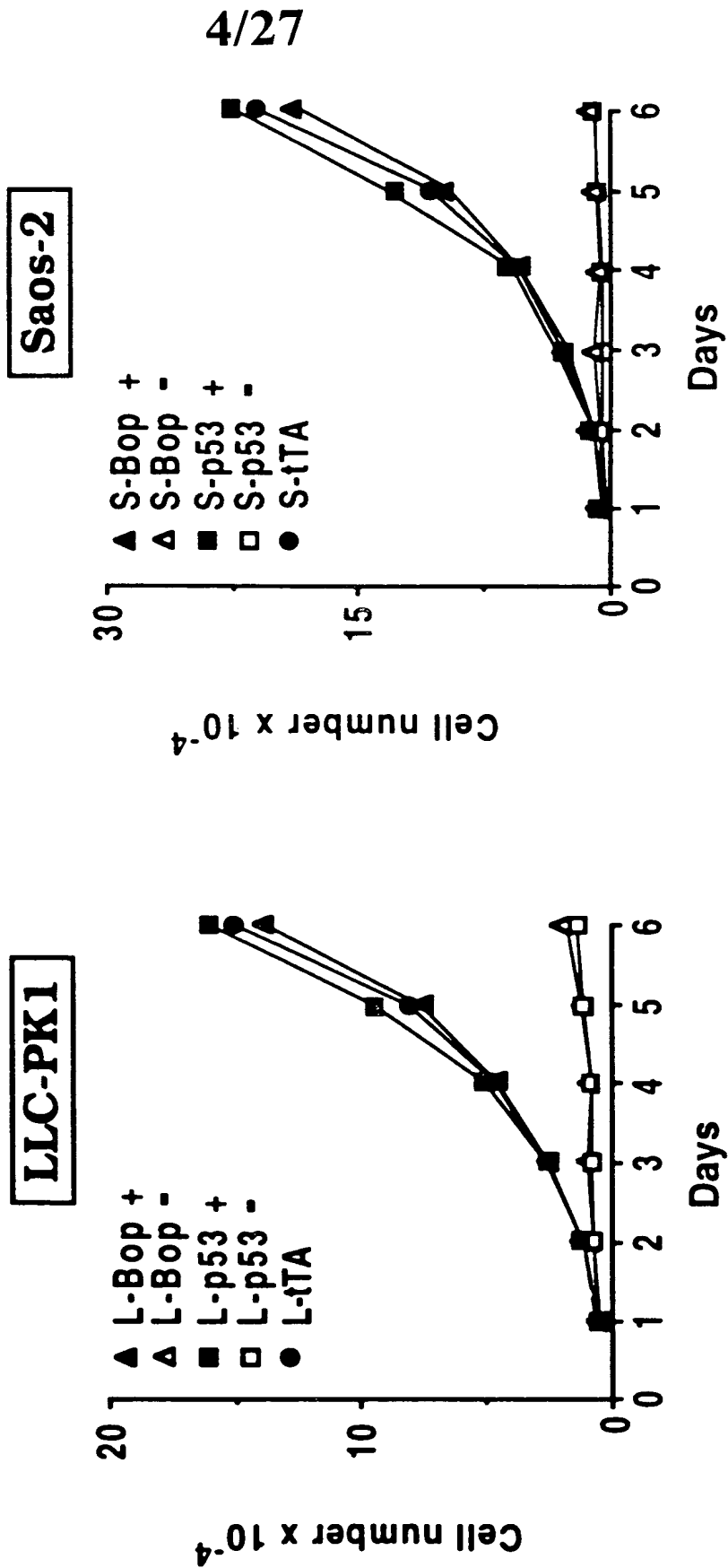


FIGURE 2B

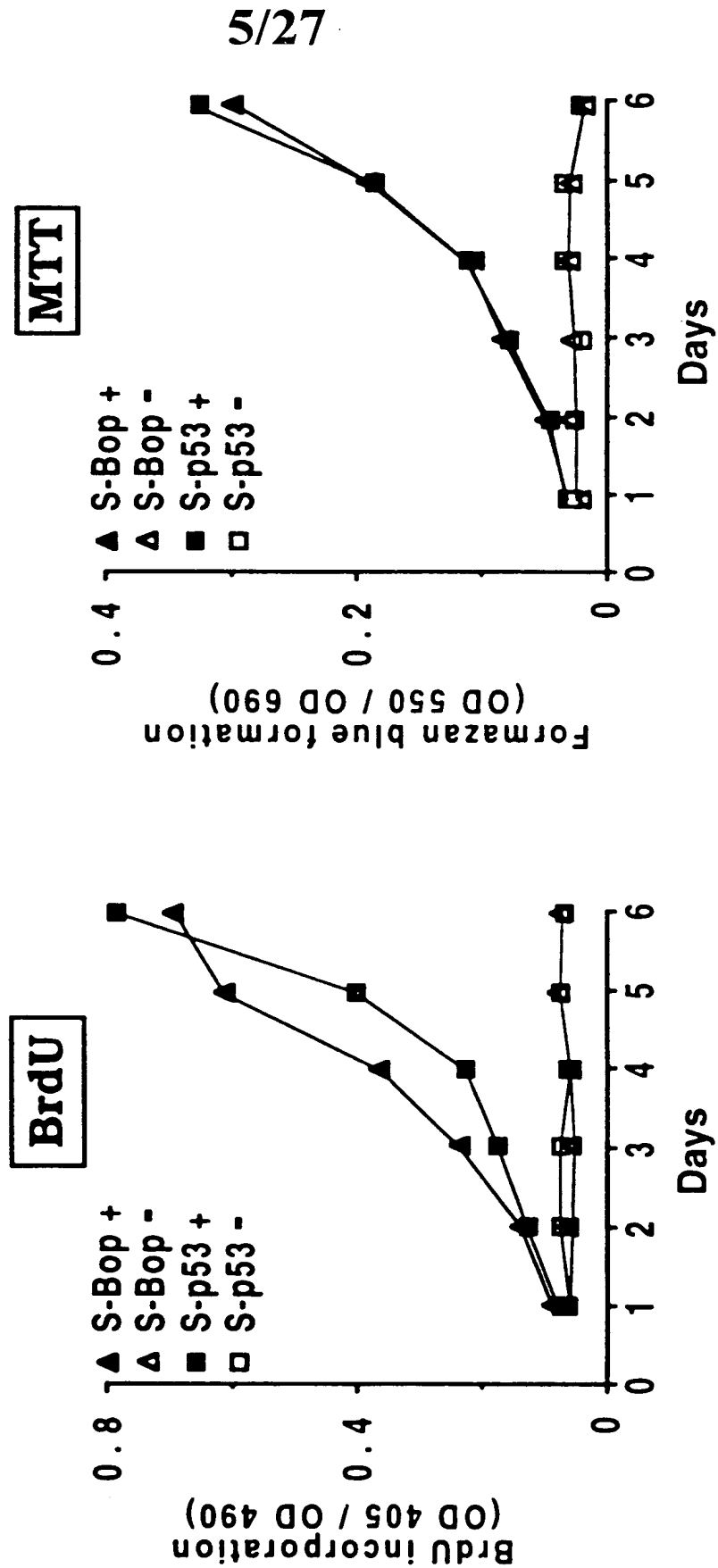


FIGURE 2C

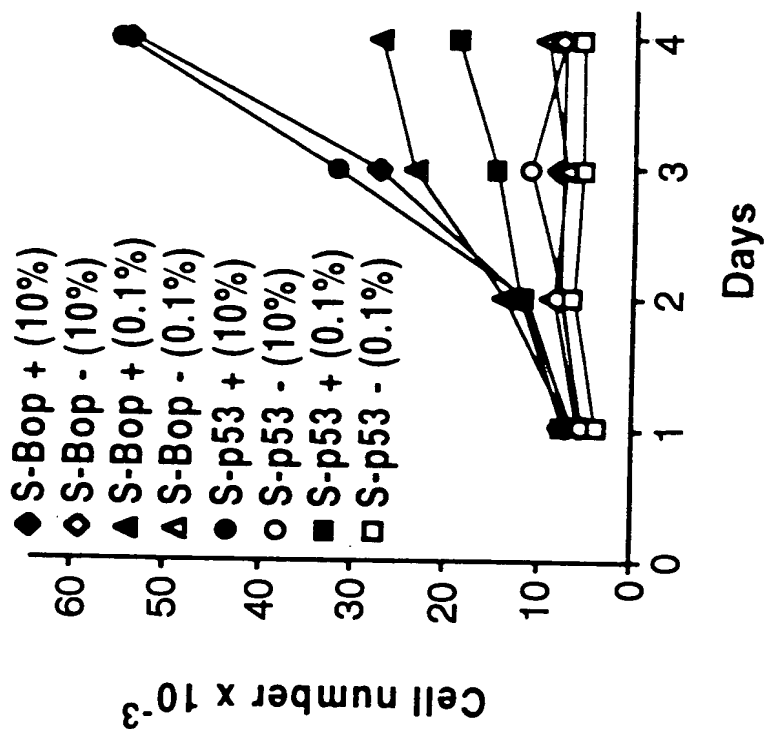
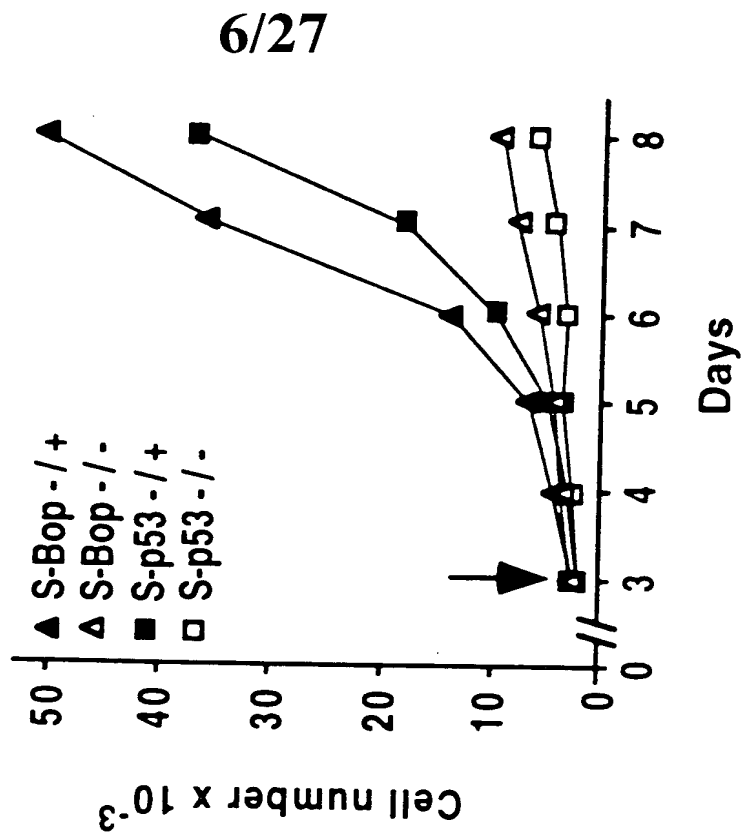
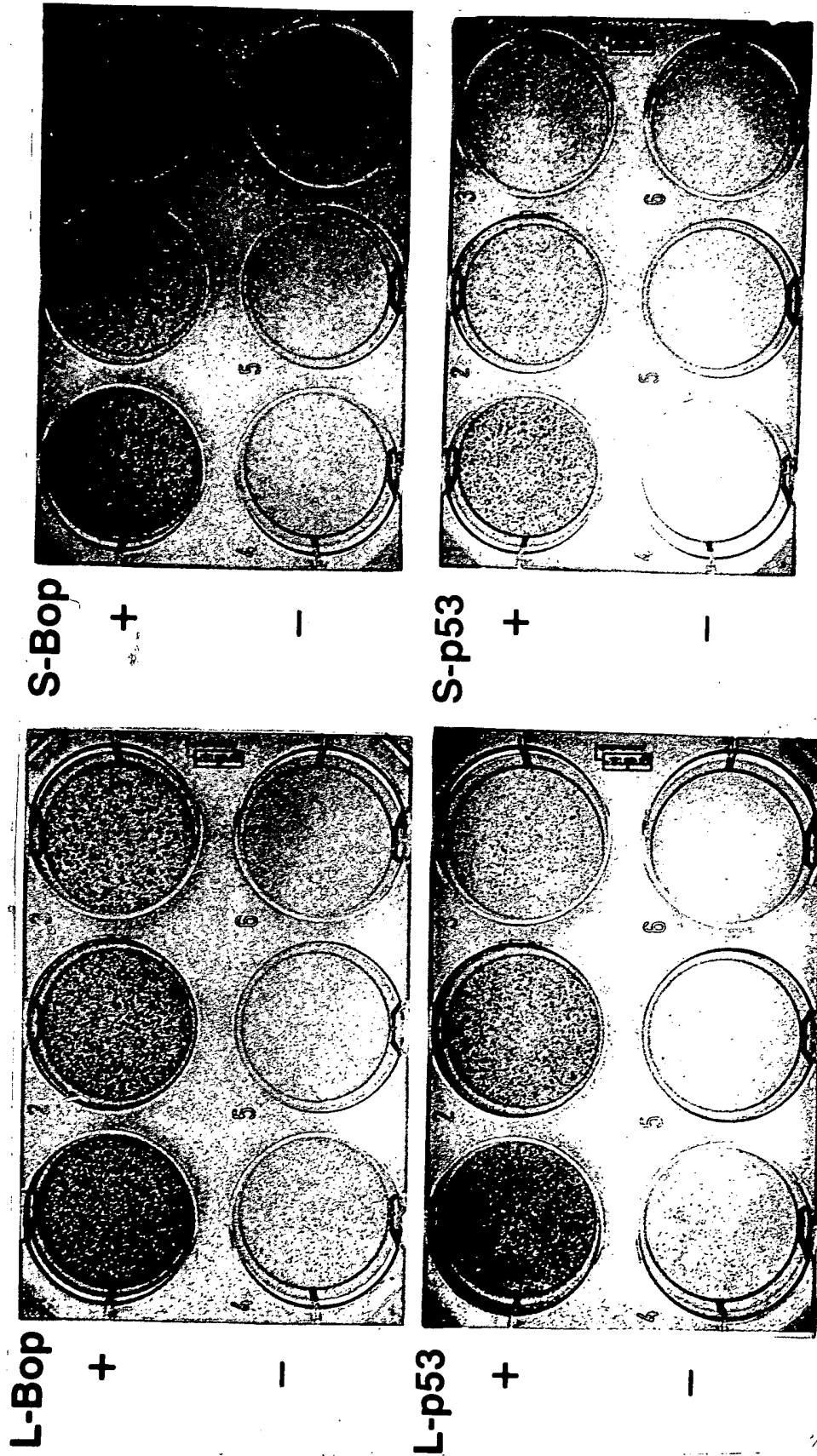


FIGURE 2D



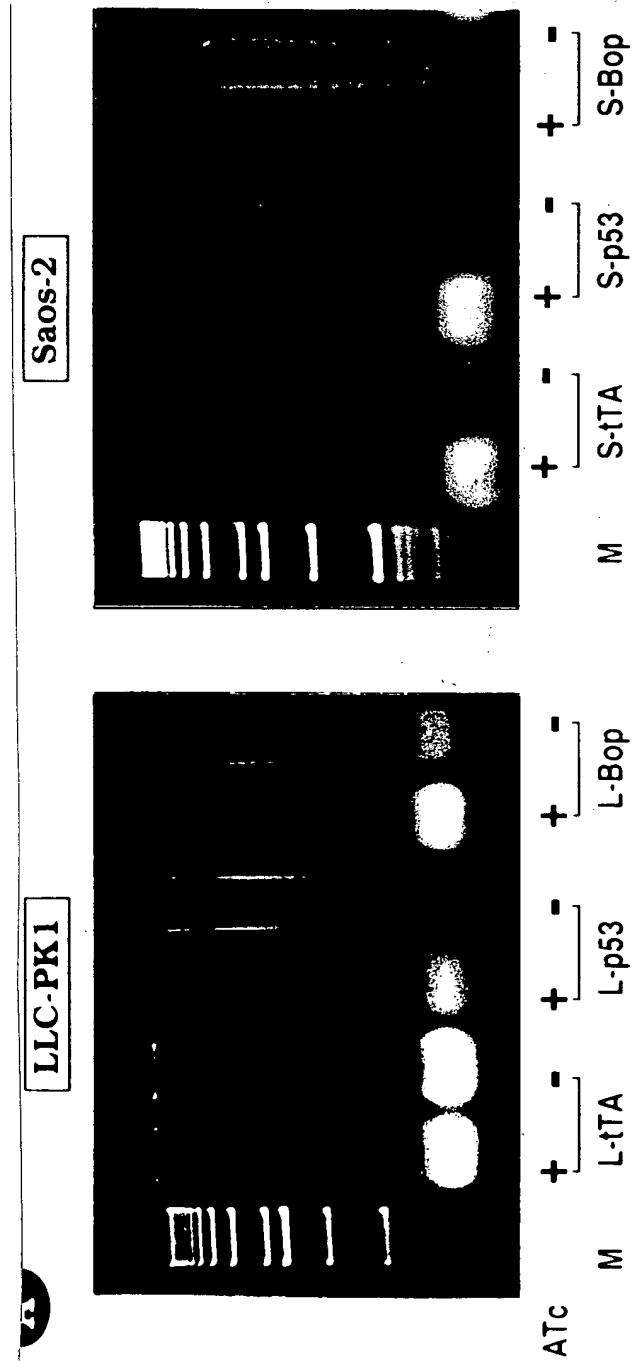
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FIGURE 3



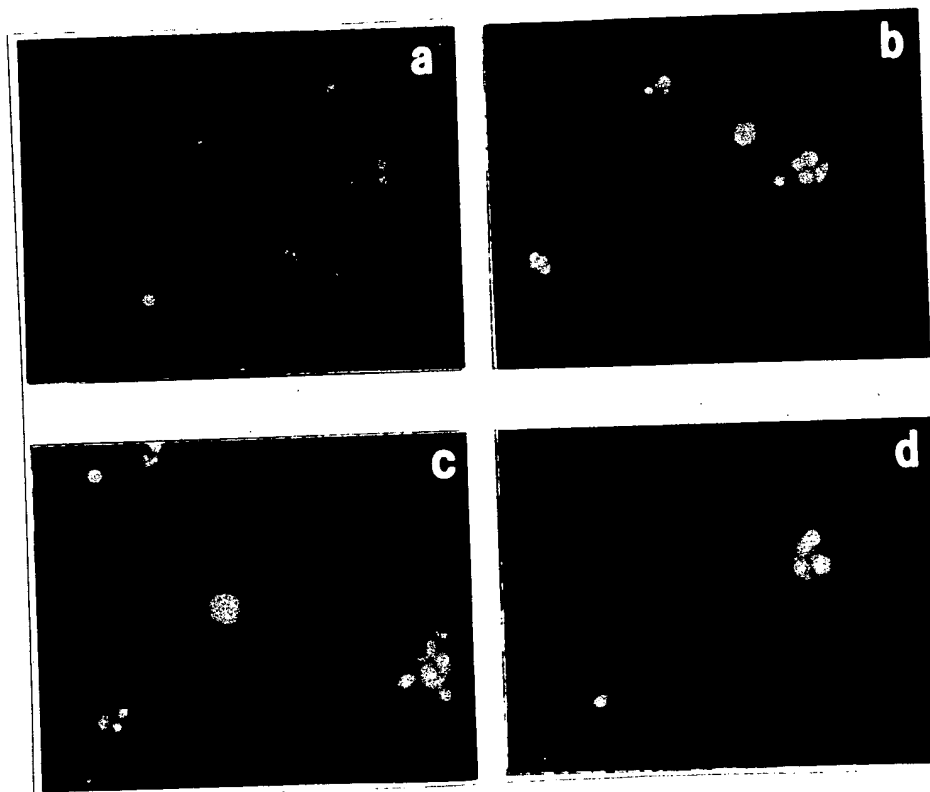
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FIGURE 4A



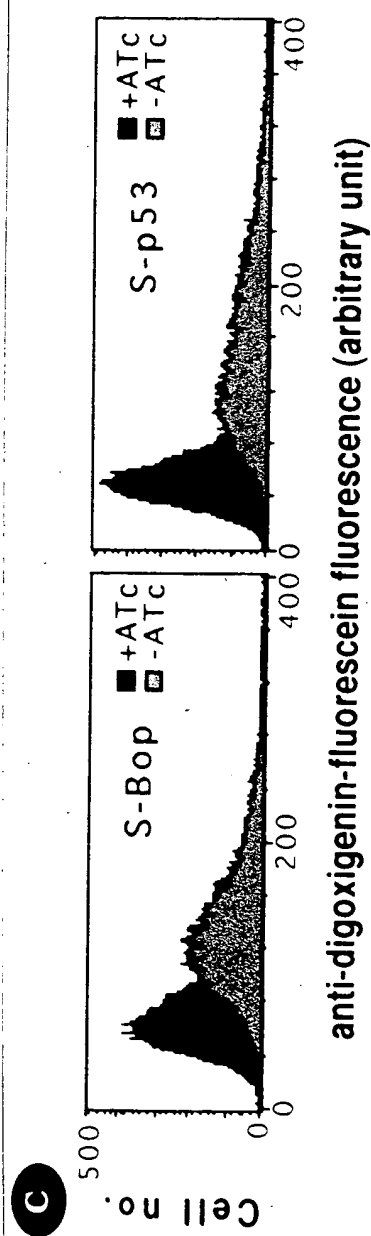
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FIGURE 4B



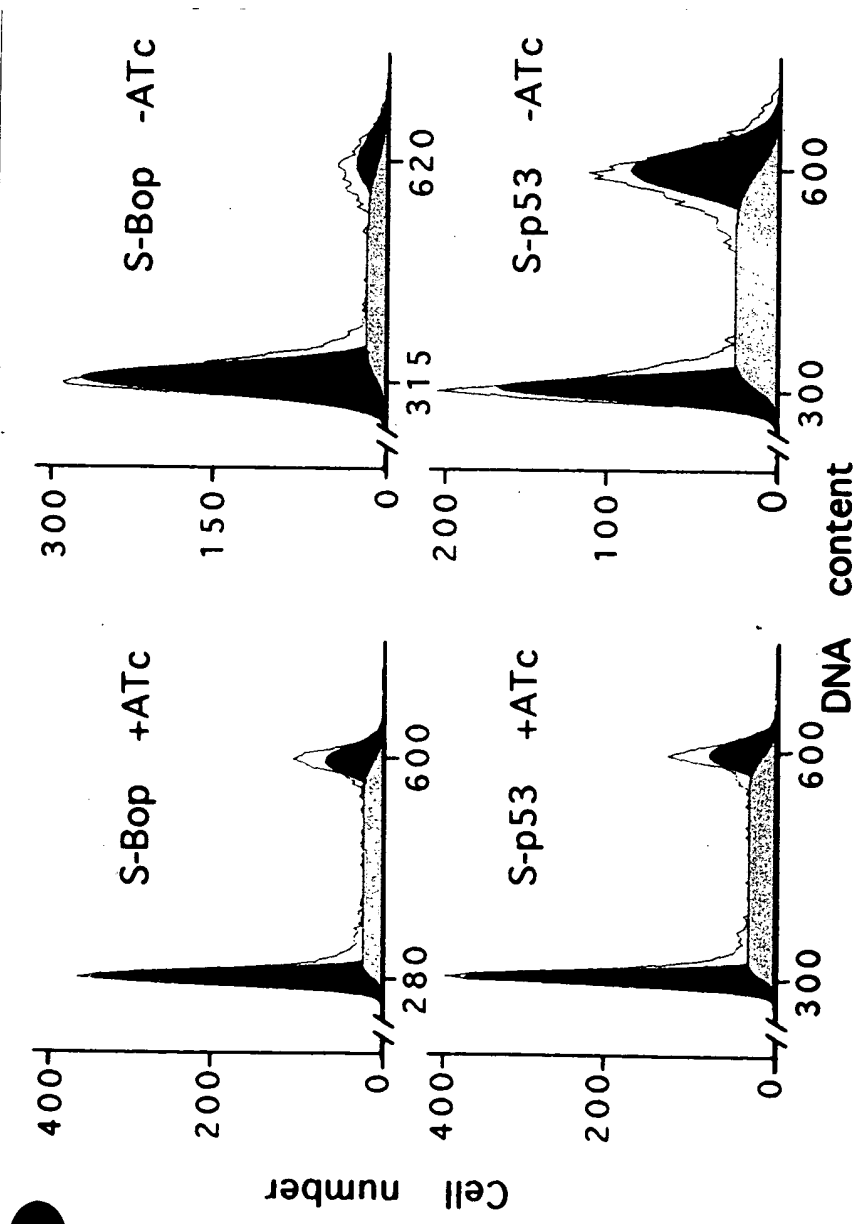
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FIGURE 4C



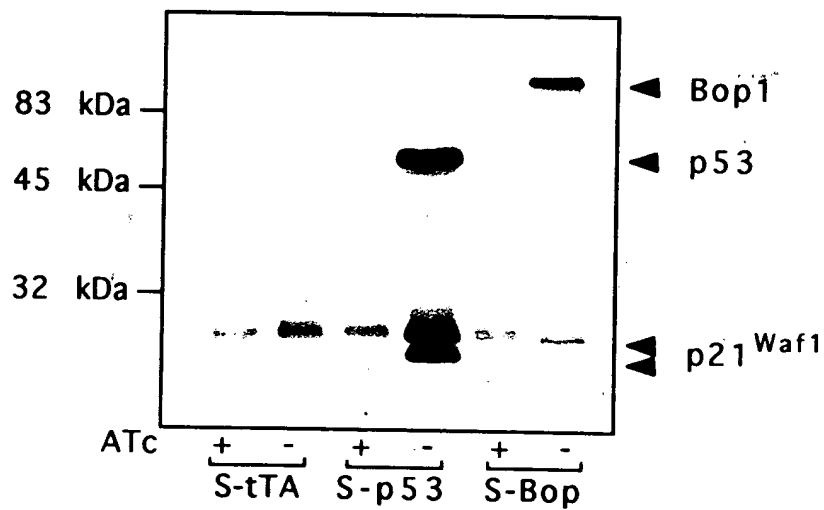
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FIGURE 5A



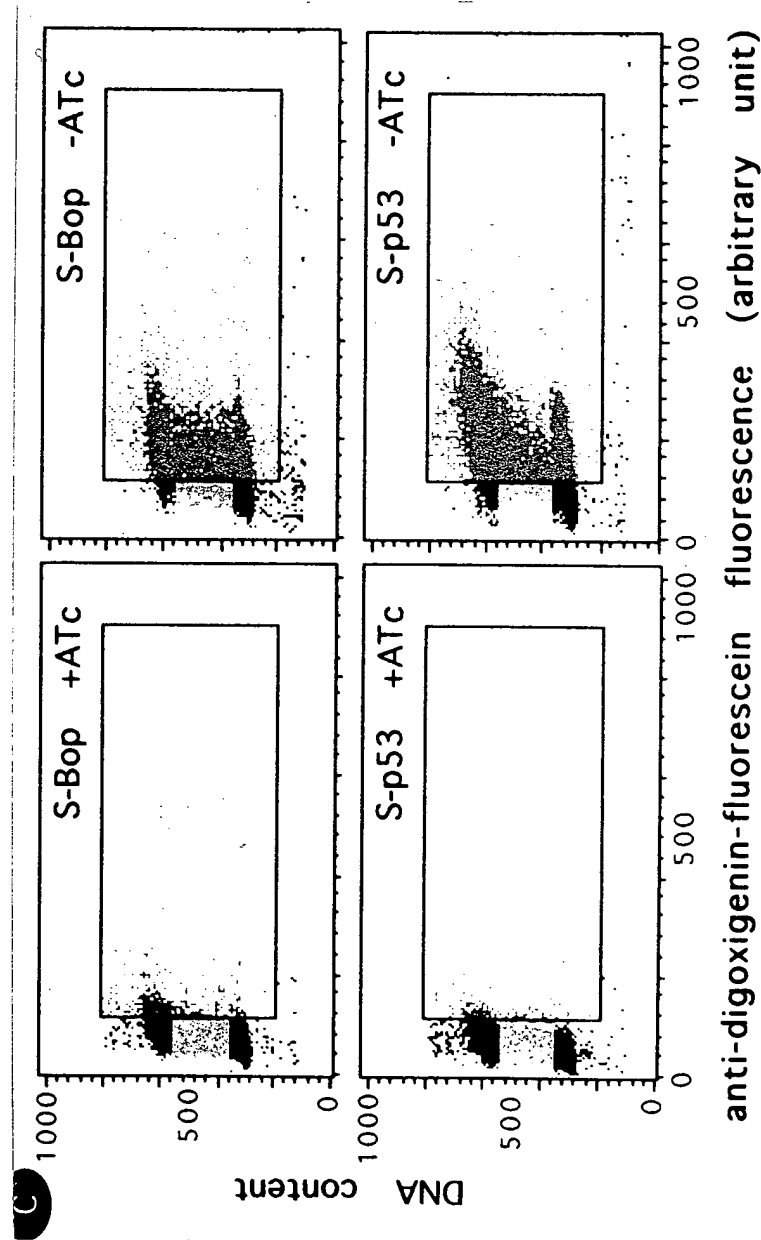
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FIGURE 5B



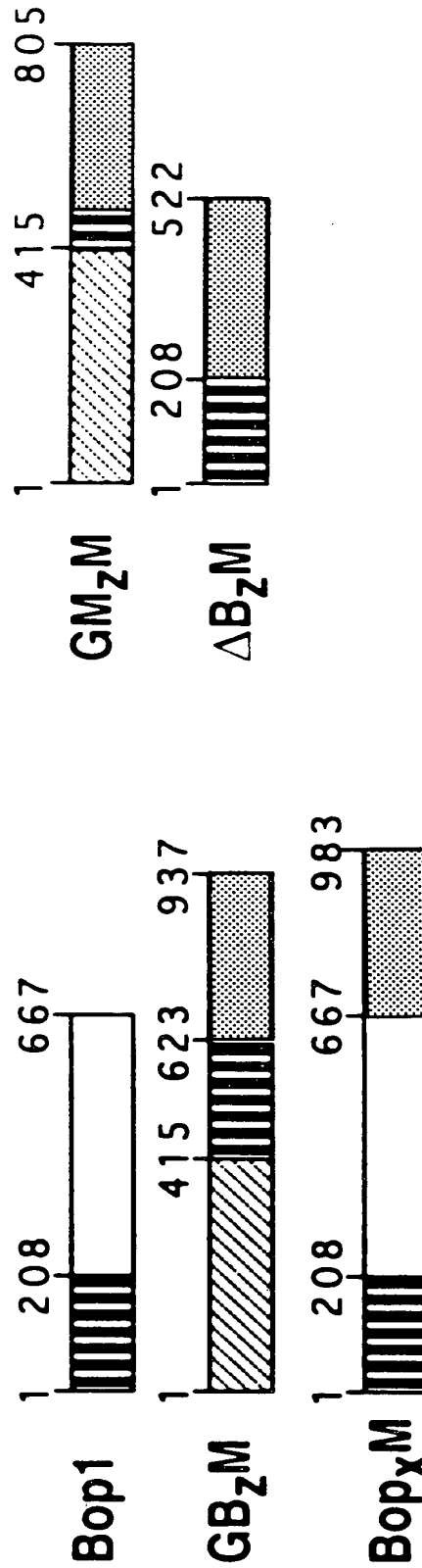
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FIGURE 5C



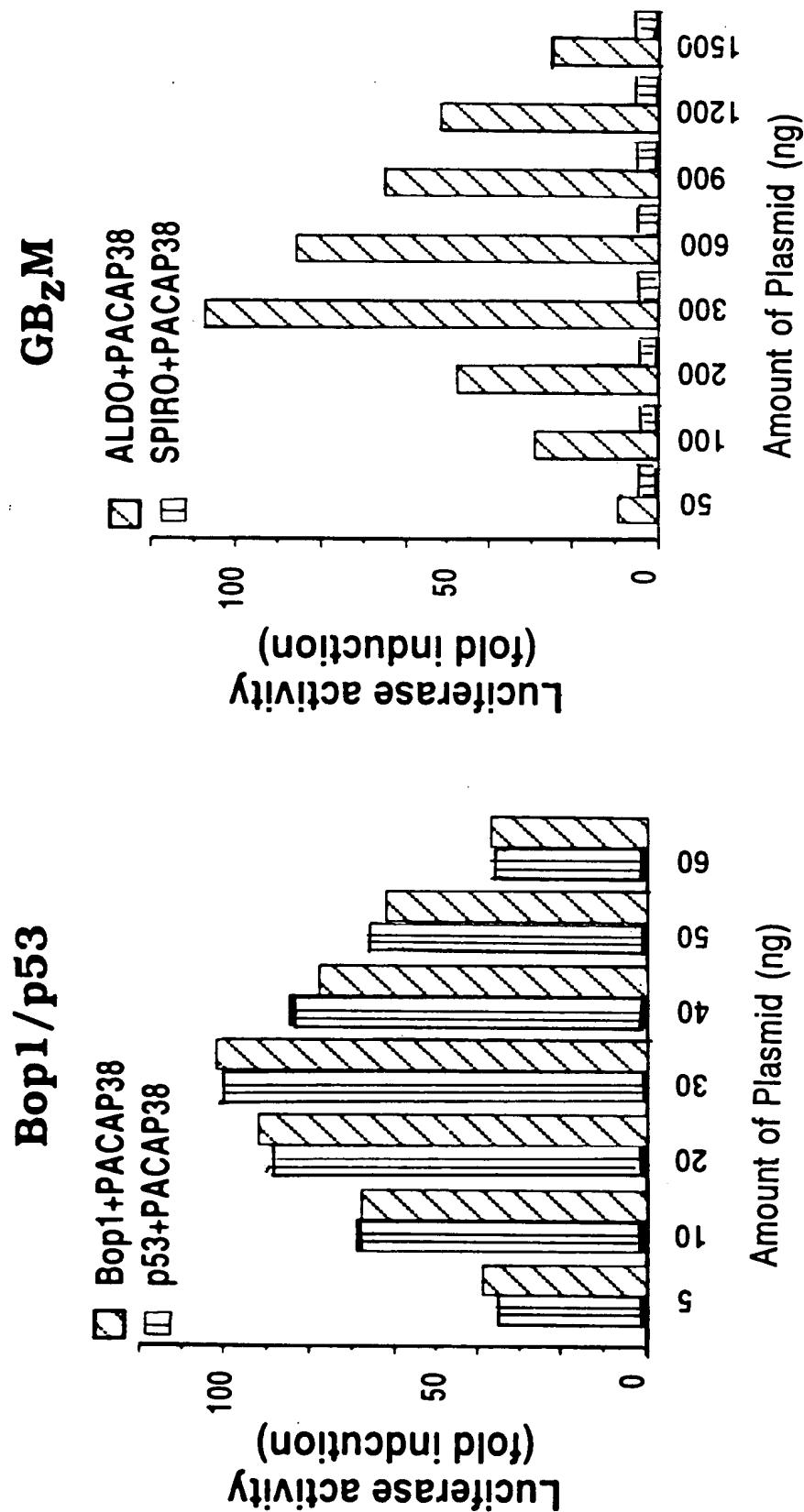
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FIGURE 6A

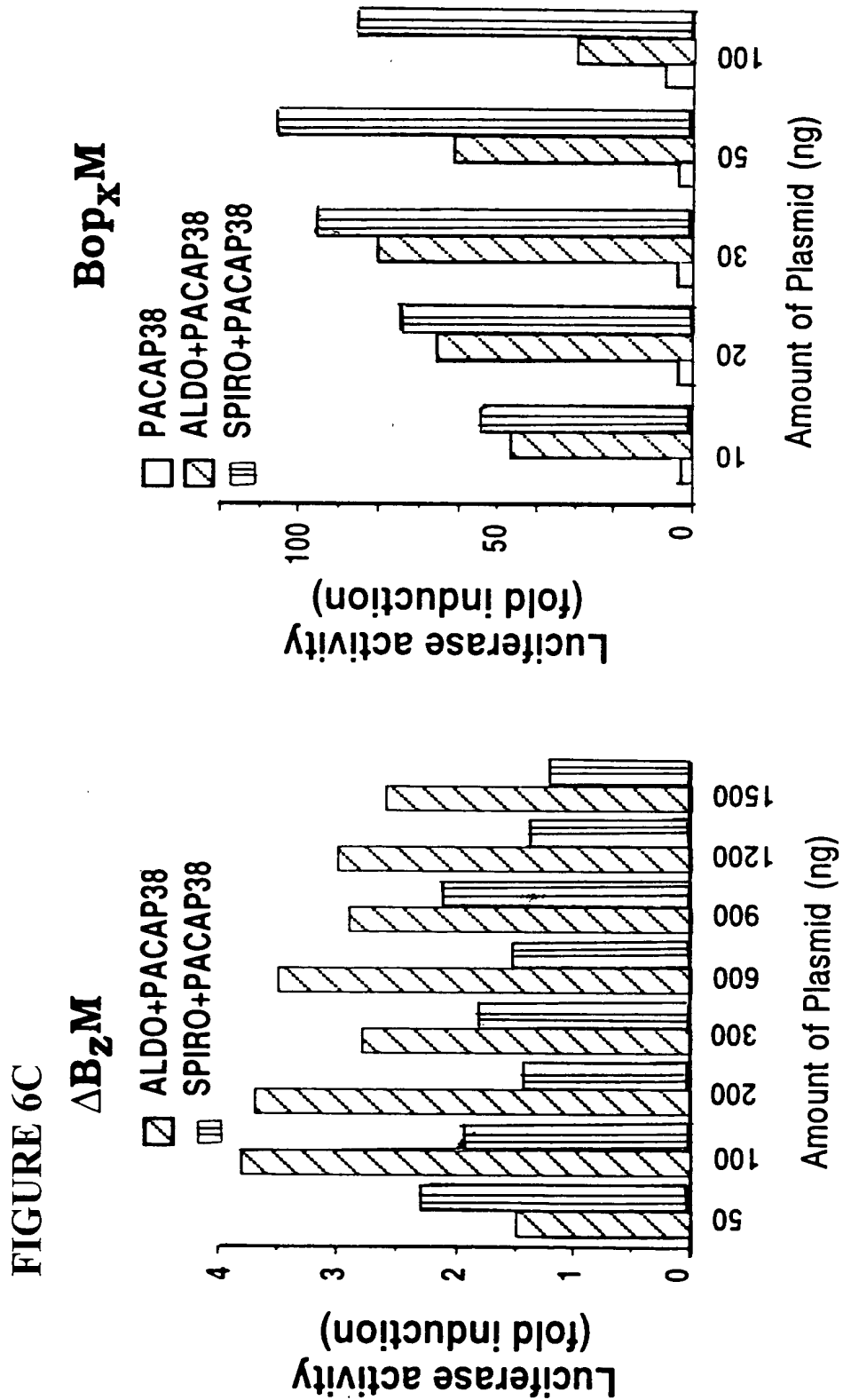


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FIGURE 6B



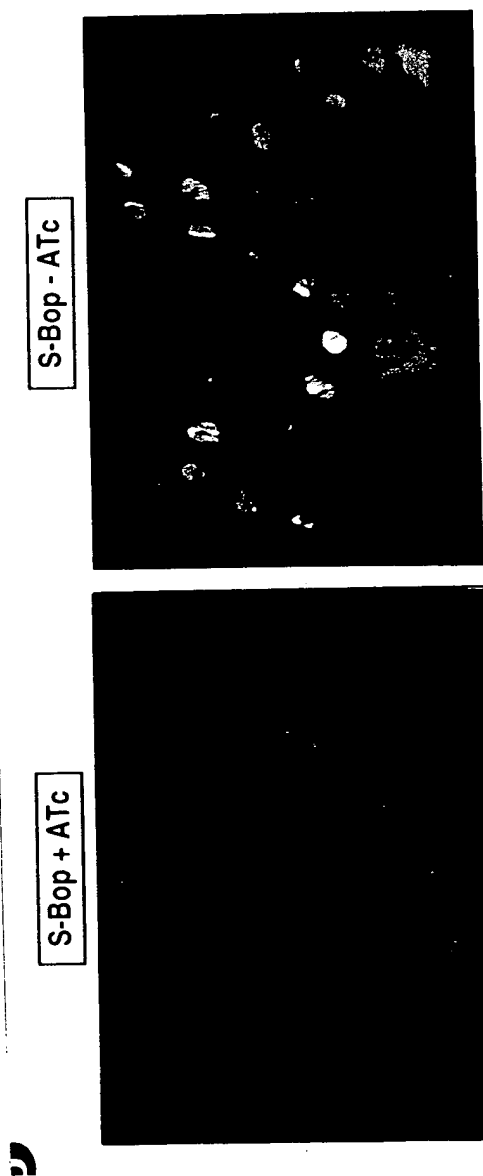
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FIGURE 6D



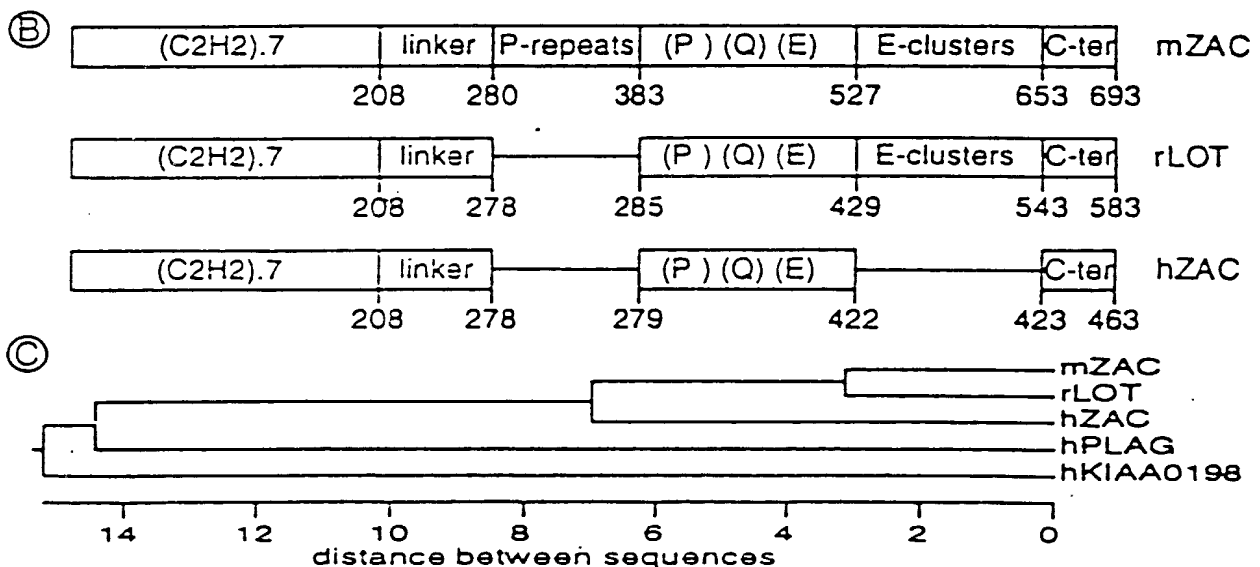
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FIGURE 7

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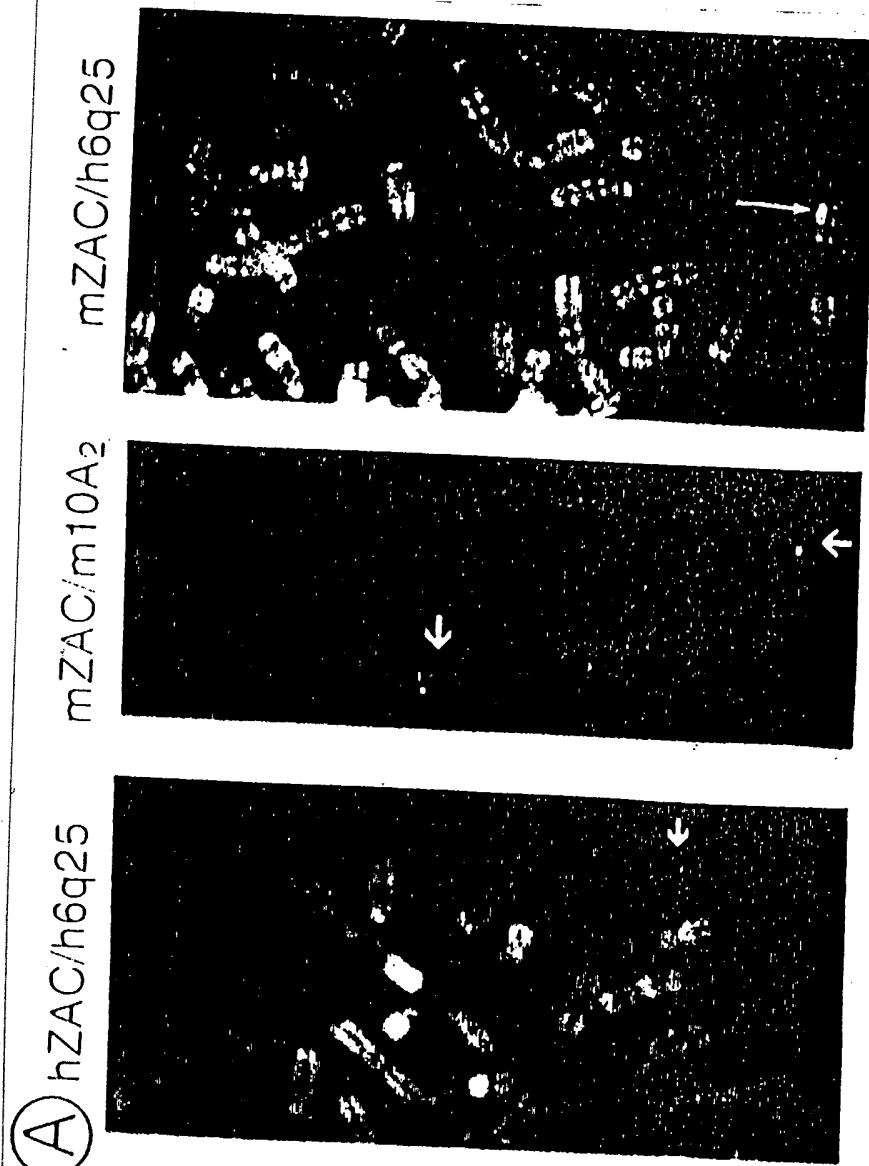
1  VAPFRDQKCKGSFVLEKFTTHNYSHSRERFKCSKAECCGKAFVSKYKLMRPMATHSPQRHQCCTHCEKTFNRKDHLCQH mZAC
1  VAPFRDQKCKGSFVLEKFTTHNYSHTRERFKCSKTECCGKAFVSKYKLMRPMATHSPQKTHQCCTHCEKTFNRKDHLCQH rLOT
1  VAPFRDQKCKGSFVLEKFTTHNYSHSRERFPYKCVQPDGKAFVSKYKLMRPMATHSPQKSHQCAHCEKTFNRKDHLCQH hZAC
31  LQTHDPNKLIAACDDCGKKYHNTLGYKRHLALHSASNGDLTCGVCTLELGSTEVLDDHLKSHAEERANQAPREKKYQCDH mZAC
31  LQTHDPNKLIAACDDCGKKYHNTLGYKRHLALHSASNGDLTCGVCTLELGSTEVLDDHLKSHAEERAHAPREKKYQCDH rLOT
31  LQTHDPNKLIAACDDCGKKYHNTLGYKRHLALHSASNGDLTCGVCTLELGSTEVLDDHLKSHAEERAPPSQTKKKYHCCDH hZAC
161  CDRCFYTRKDVRRHLVVHTGCKDFLCQFCAQRFGRKDHLTRHTKKTHSQELKCEHAGGQYQSNQOLIAFSTSFQIRVDP mZAC
161  CERCFTYTRKDVRRHLVVHTGCKDFLCQFCAQRFGRKDHLTRHTKKTHSQELKCESLQAGEYQCGYQPIARP--FCIKADP rLOT
161  CERCFTYTRKDVRRHLVVHTGCKDFLCQFCAQRFGRKDHLTRHTKKTHSQELKCESLQAGEYQCGYQPIARP--FOLKAAA hZAC
241  MPPFQLGAPENGDCGGLPPEVHCQVLAAPFEEBPQPMPLPLEPLEPLEPLEPLEPMQSLPLEQPLEPMQPLEPMQPLEPMQ mZAC
239  MPPFQLGAPENGDCGGLPPEVHCQVLAAPFEEBPQPMPLPLEPLEPLEPLEPLEPMQSLPLEQPLEPMQPLEPMQPLEPMQ rLOT
239  LPPFPLGASACNGLASSLPAEVHSLTVSPPEQAAQPMQPL----- hZAC
321  PLEPLEPLEPMQPLEPMQPLEPMQPMPLPMQPMQPMQPMQPMPLPMQPMPLPMQPMQPMQPMPLPMPLPSPFTLHGLVPTSPPR mZAC
276  -----LSMPPMQPM-----PEQPFTHGLVPTSPPR rLOT
279  -----PESLASLHPSVSPGSPPR hZAC
401  IIDQEHKYNVPVTSYAFVCGMEVKADQRAFCNIGFFEEFPLQEPQAPLKFVCFEMPMGCFCKVITLSKELLVDAVNIATF mZAC
303  IIDQEHKYNVPVTSYAFVCGMEVKADQRAFCNIGFFEEFPLQEPQAPLKFVCFEMPMGCFCKVITLSKELLVDAVNIATF rLOT
297  B-LPNHKYNTTSTSYSLASLPIKADTGECNLSLEEDLPLQEPQAPLKFVCFEMPMGCFCKVITLSKELLVDAVNIATF hZAC
481  ASLEHSLGFWQLPPPTPQNGFVNSTFVCGPGEPLPHRIECLACQCPPLPPLPPLPPLPQLPQPLPQPLPQPLPQPL mZAC
383  CSLEHSLGFWQLPPPTPQNGFVNSTFVCGPGEPLPHRIECLACQCPPLPPLPPLPPLPQLPQPLPQPLPQPLPQPL rLOT
376  ASLDLSPLIGFWQLPPPTATNTFGNSTALGPGESLPHRLSCIGQCG-----PLPLPEPLPQPLPQPLPQPL hZAC
561  QIQPQMLPQLLPQLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPL mZAC
458  QLQPLP-----PQMQLPQLLPQLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPLPQPL rLOT
423  ----- hZAC
641  EEEEEEESEPQPEEAQIRVSAVNLGCPBLPPTPHIFTAGCAITLPHFHAFR mZAC
531  EEEEEEESEPQPEEAQIRVSAVNLGCPBLPPTPHIFTAGCAITLPHFHAFR rLOT
423  -----CEPPLANGTVSGLPPLPPTPHVFSAGTGAITLPHFHAFR hZAC

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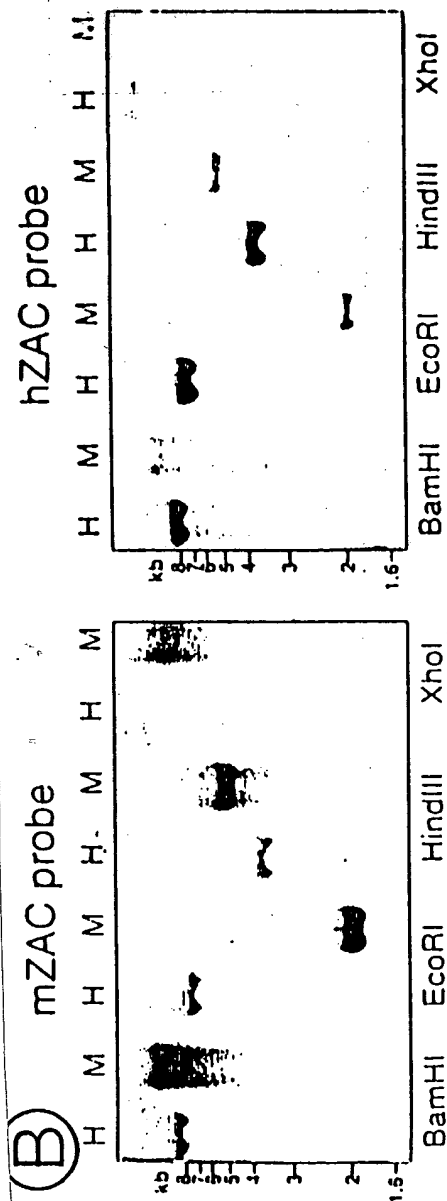
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FIGURE 8A



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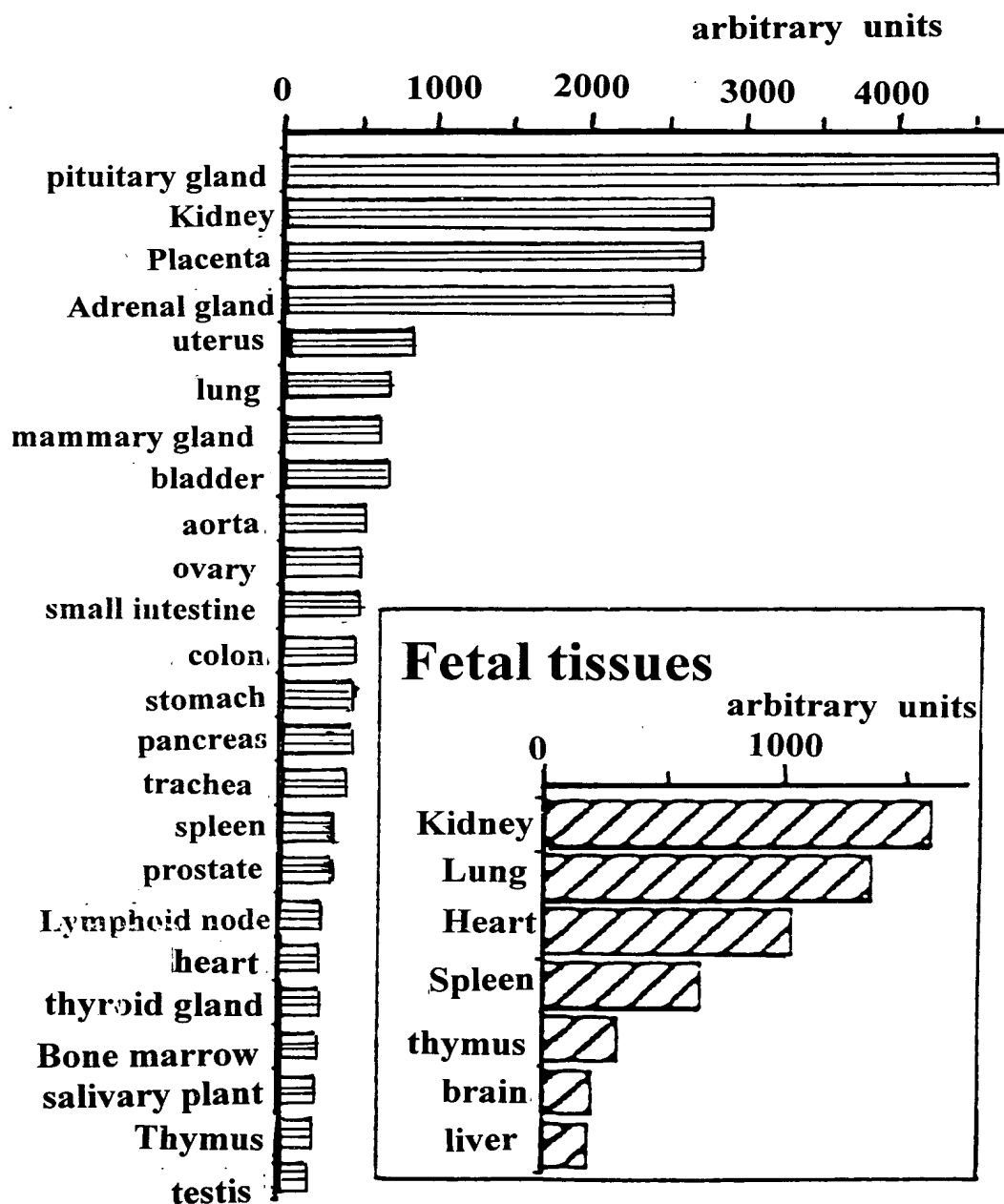
FIGURE 8B



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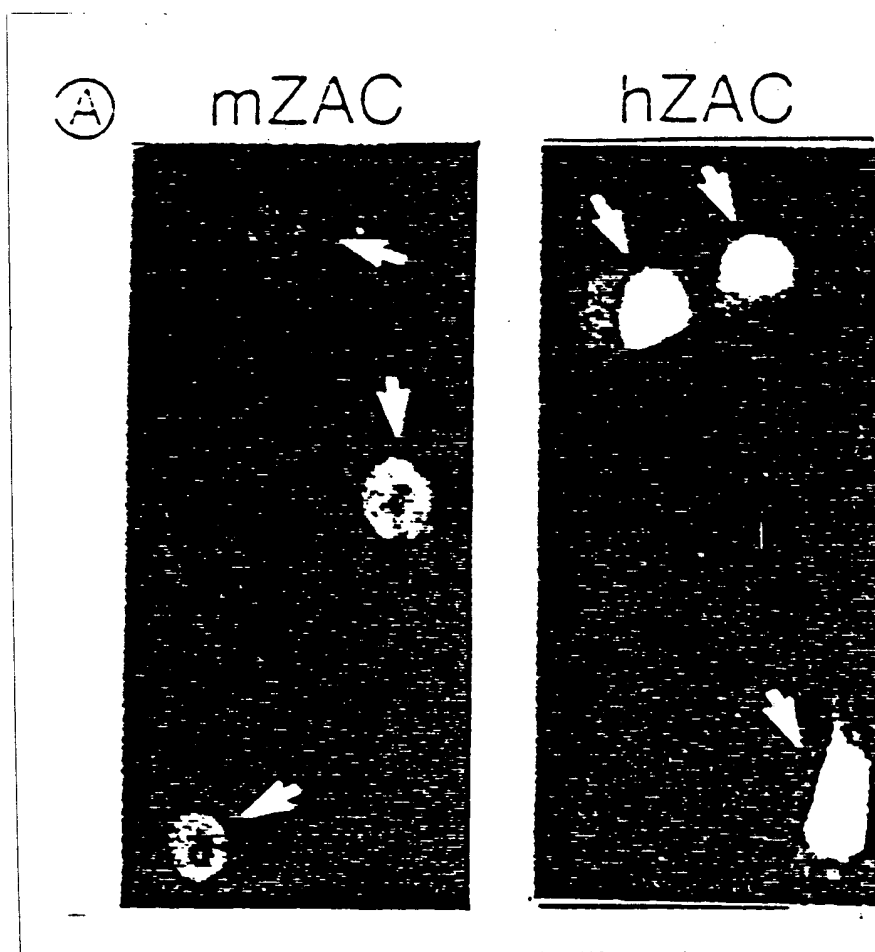
FIGURE 9

adult tissue



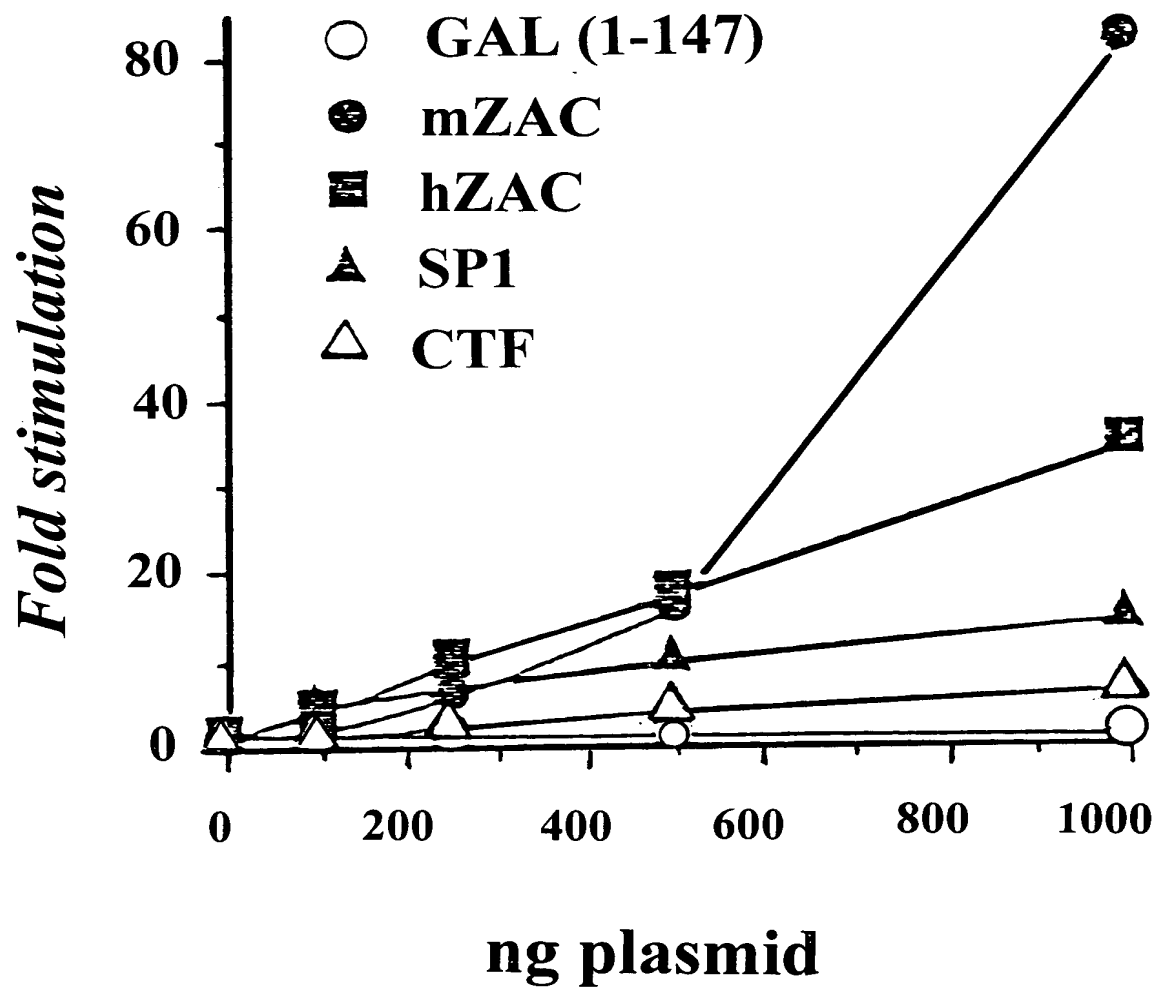
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FIGURE 10A



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FIGURE 10B



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FIGURE 11

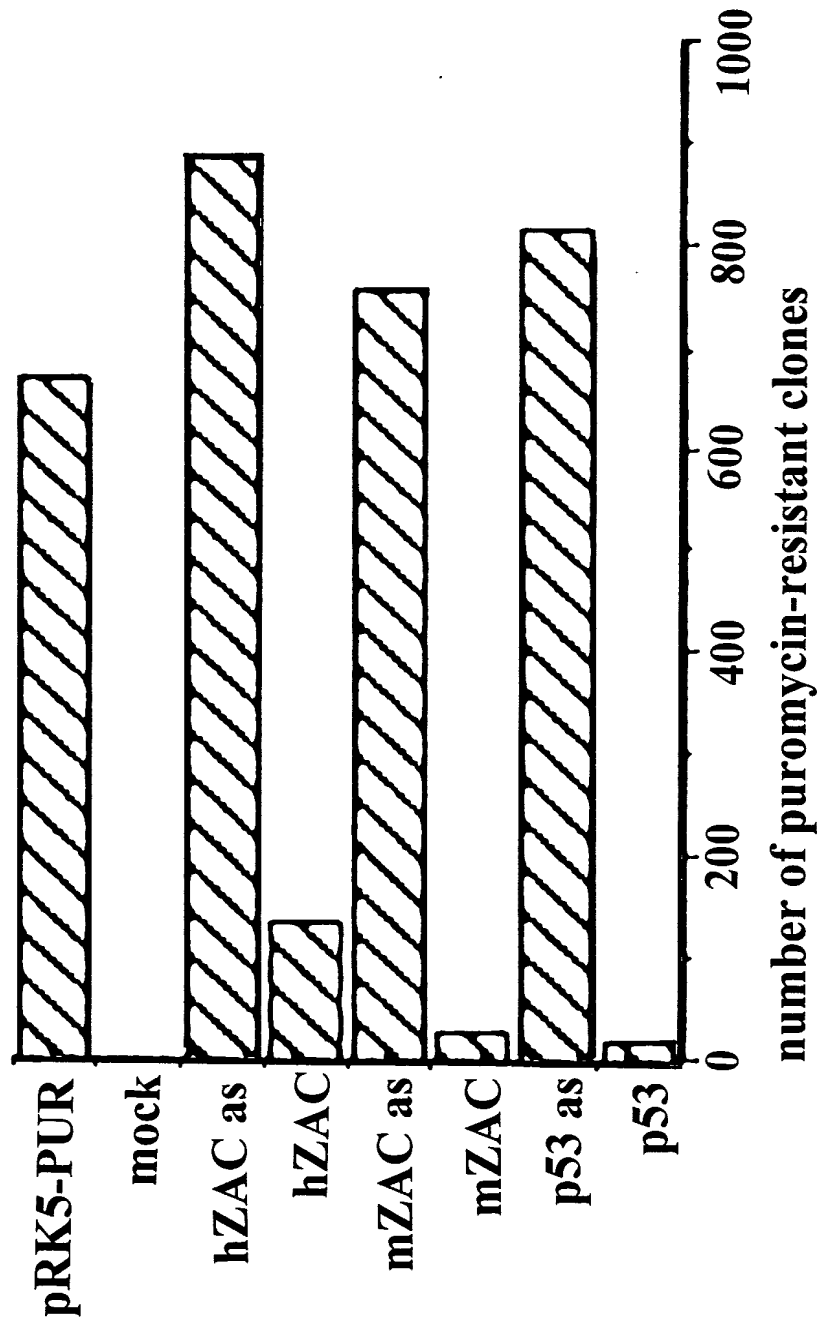
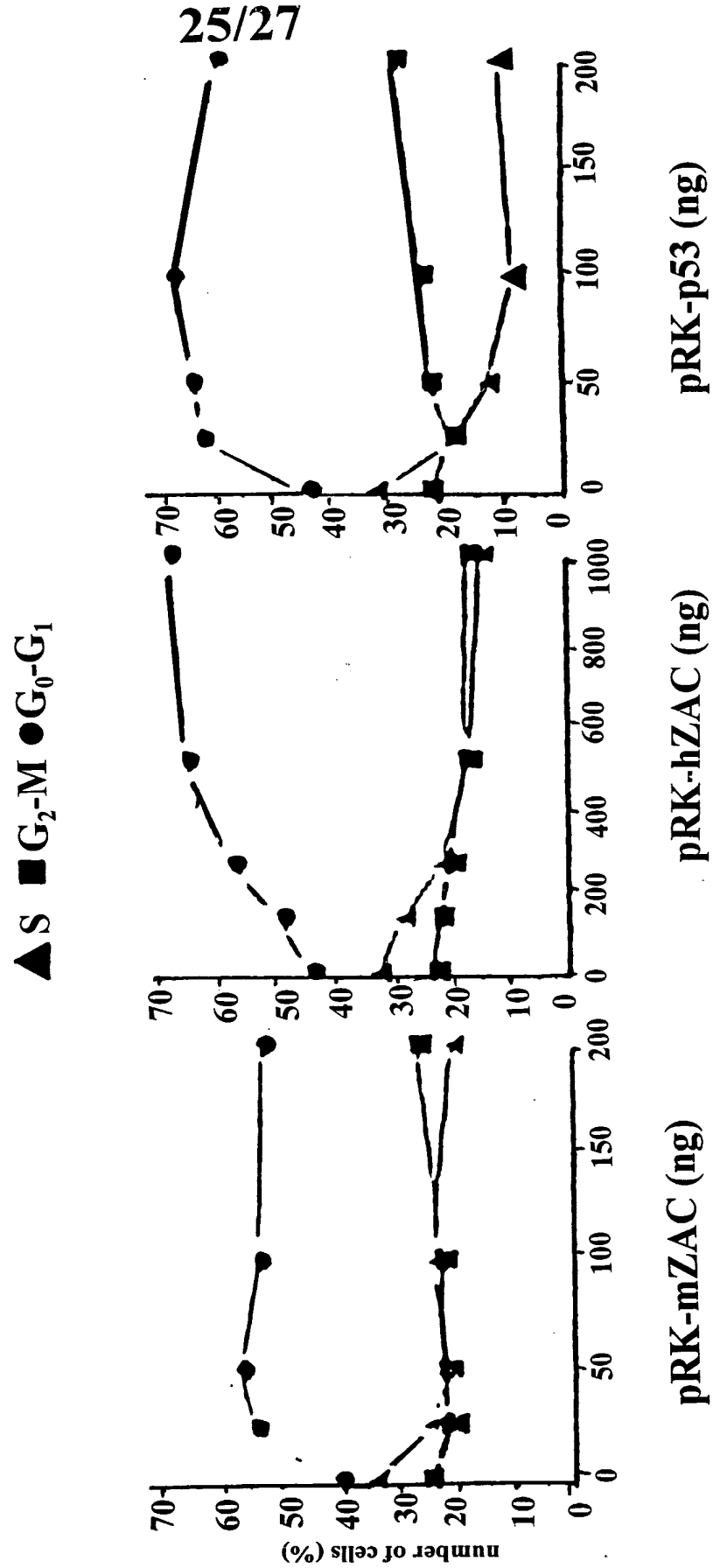


FIGURE 12A



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FIGURE 12B

